

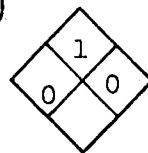


SHELL OIL COMPANY
SHELL CHEMICAL COMPANY
SHELL DEVELOPMENT COMPANY
SHELL PIPE LINE CORPORATION

MATERIAL SAFETY DATA SHEET

DPM 3210

HAZARD
RATING



Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

SECTION I			
MANUFACTURER'S NAME Shell Chemical Company		EMERGENCY TELEPHONE NO. 713-473-9461	
ADDRESS (Number, Street, City, State, and ZIP Code) One Shell Plaza, P. O. Box 2463, Houston, Texas 77001			
CHEMICAL NAME AND SYNONYMS Epoxy Coreactant		TRADE NAME EPON® Curing Agent V-25	
CHEMICAL FAMILY Polyamide Resin		FORMULA	

SECTION II HAZARDOUS INGREDIENTS*						
COMPOSITION	%	SPECIES	LD ₅₀		LC ₅₀	
			ORAL	DERMAL	CONCENTRATION	HOURS
PIGMENTS						
CATALYST						
VEHICLE						
SOLVENTS						
ADDITIVES						
OTHERS						
		Rat	>8g/kg	>8g/kg		

SECTION III PHYSICAL DATA			
BOILING POINT (°F)	decomposes first	SPECIFIC GRAVITY (H ₂ O=1)	✓
VAPOR PRESSURE (mmHg)	NA	PERCENT VOLATILE BY VOLUME (%)	Nil
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____=1)	NA
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR	Tan, viscous liquid		

SECTION IV FIRE AND EXPLOSION HAZARD DATA							
FLASH POINT (Method used)	265°C / TOC 458°F	FLAMMABLE LIMITS	<table border="1"> <tr> <td>Lel</td> <td>Uel</td> </tr> <tr> <td></td> <td></td> </tr> </table>	Lel	Uel		
Lel	Uel						
EXTINGUISHING MEDIA Dry chemicals, chemical foam							
SPECIAL FIRE FIGHTING PROCEDURES None							
UNUSUAL FIRE AND EXPLOSION HAZARDS None							

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established

EFFECTS OF OVEREXPOSURE

Moderately irritating to skin - extremely irritating to eyes.

EMERGENCY AND FIRST AID PROCEDURES

Remove excess by wiping - emulsify remainder with 5% acetic acid - flush with large amounts of water.

SECTION VI REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CO₂, CO upon combustionHAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Scoop up excess - scrub with 5% acetic acid to emulsify - flush away with hot water.

WASTE DISPOSAL METHOD

In containers or approved landfill

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

NA

SPECIAL

NA

MECHANICAL (General)

NA

OTHER

NA

PROTECTIVE GLOVES

Disposable Plastic

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

OTHER PRECAUTIONS

Maintain good hygiene and housekeeping standards. Keep containers tightly closed. SPI Classification 2

NAME D. M. Sheets

TITLE Supervisor-Product Development-Resins

COMPANY Shell Chemical

SIGNATURE

D. M. Sheets

DATE

February, 1972

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